Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No. 2545-000015 First Inventor Sacha Corbeil et al. SYNCHRONIZATION OF PULSE AND DATA SOURCES

The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS Or Correspondence address below 27572 (Insert Customer No. or Attach bar code label here) Name Harness, Dickey & Pierce, P.L.C. P.O. Box 828 City Bloomfield Hills State MI Zip Code 48303	(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))				Express Mail	Express Mail Label No. EL835746625US			
See NEPP chapter 600 concerning utility plants application contents. Washington, DC 20231		APPL	ICATION ELEI	MENTS	4005	500 T	Assistant (-5
Septiment and compared and admisses for the processory	See MPEP chapter 600 concerning utility patent application contents.								
Computer Program (Appendix) See 37 CFR 1.27. 3. Specification [Total Pages T					7. 🔲 (CD-ROM o	r CD-R in duplic	ate, large table or	
See 37 CFR 1.27. Specification [Total Pages T.	(Submit an original and a duplicate for fee processing)					Computer Program (Appendix)			
Continuation Description and the process of the	See 37 CFR 1.27.								
- Descriptive title of the Invention - Cross References to Requested Related Applications - Statement Regarding Fed sponsored R & D - References to sequence listing, a stable, or a computer program listing appendix - Bird Summary of the Invention - Bird Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. ☑ Drawing(s) (35 U.S.C.113)						a. Computer Readable Form (CRF)			
Statement class to related applications Statement statement applications Statement verifying Identity of above copies	-	Descriptive title of	of the Invention						
or a computer program listing appendix Background of the Invention Brief Description of the Drawings (if ifiled) Detailed Description Clarin(s) Abstract of the Disclosure Abstract of Description Abstract of Descriptio	-	Cross Reference Statement Regar	s to Related Application of the Related Application	ons R&D	ii. □ paper				
- Background of the Invention - Brief Description of the Disavings (if flied) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. Drawing(s) (35 U.S.C.113)	-	Reference to sec	uence listing, a table,	,					
- Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Claim(s) - Abstract of the Disclosure 4. Drawing(s) (35 U.S.C.113) [Total Sheets 7] 5. Oath or Declaration - I Total Pages 3] - Abstract of the Disclosure 5. Oath or Declaration - I Total Pages 3] - Abstract of the Disclosure - Copies of IDS - Statement (IDS)/PTO-1449 Citations - Statement (IDS)/PTO-1449 Citations - Italian Statement (IDS)/PTO-1449 - Italian Statem	-	Background of th	e Invention	`					
Attorney Attorney Attorney Attorney Attorney Attorney Abstract of the Disclosure Abstract of the Disclosure Attorney Attorney Abstract of the Disclosure Attorney Attorney Abstract of the Disclosure Attorney Attorney Attorney Attorney Abstract of the Disclosure Attorney Attorney Abstract of the Disclosure Attorney Attorney Attorney Abstract of the Disclosure Attorney Attorney Attorney Attorney Abstract of the Disclosure Attorney Attorney Abstract of the Disclosure Attorney Attorney Attorney Abstract of the Disclosure Attorney Attorney Attorney Attorney Attorney Abstract of the Disclosure Attorney Abstract of the Disclosure Attorney Citations Abstract of the Statement (IDs)/PTO-1449 Citations Attorney				ed)	. =				
- Abstract of the Disclosure A. Drawing(s) (35 U.S.C.113) Total Sheets Total Pages 3 1 1			tion	,	10.				
5. Oath or Declaration [Total Pages 3] Statement (IDS)/PTO-1449 Citations a. Newly executed (original or copy) 13. Preliminary Amendment b. Copy from a prior application (37 CFR 1.63 (d)) (for a continualion/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). (b) (and page) (b) (c) (d) (foreign priority is claimed) 6. Application Data Sheet. See 37 CFR 1.76 (b) (2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application bate Sheet under 37 CFR 1.76. (c) (c) (d) (in foreign priority is claimed) 19. Octinuation Divisional Continuation-in-part (CIP) of prior application in No: / Group / Art Unit: Group / Art					11. 🔲	•			
a. Newly executed (original or copy)					12. 🛛				
b. Copy from a prior application (37 CFR 1.63 (d)) (for a continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.78: Continuation Divisional Continuation Continuation Divisional Continuation Divisional Continuation Divisional Continuation Divisional Divisional Divisional Continuation Divisional Continuation Divisional Continuation Divisional Divisional Continuation Divisional D			•	,	13. 🗆				
(for a continuation/divisional with Box 18 completed) i. □ DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. □ Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: □ Continuation □ Divisional □ Continuation □ Prior application information: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label 27572 (Insert Customer No. or Attach bar code label here)						•			
Continuation Deletation OF Inventors Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). Request and Non Publication under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17.	- -				L	(Should be specifically itemized)			
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No: For CONTINUATION or Divisional Prior application information: Examiner Group / Art Unit: For CONTINUATION or Divisional APPS only: The entire disclosure of the prior application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS 27572: (Insert Customer Number or Bar Code Label 27572: (Insert Customer No, or Attach bar code label here) Name Harness, Dickey & Pierce, P.L.C. P.O. Box 828 City Bloomfield Hills State MI Zip Code 48303 Country United States of America Telephone 248-641-1600 Fax 248-641-0270 Name (Print/Type) Timothy D. MacIntyre Registration No. (Attomey/Agent) 42,824	i. 🗀	DELETION	OF INVENTOR(S	S)	15. [_]				
1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation		Signed stateme named in the pr	nt attached deleting in ior application, see 37	nventor(s) CFR	16. 🔲	Request	and Non Publica	ation under 35 U.S.C. 122	
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No: / Prior application information: Examiner Examiner Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS Accountable Customer Number or Bar Code Label	_	1.63(d)(2) and	1.33(b).		ļ			st attach form PTO/SB/35	5
or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No: / Prior application information: Examiner Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS Considered Label	6.	olication Data S	heet. See 37 CFR	1.76	17. 🔲				
or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No: / Prior application information: Examiner Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS Considered Label	18 If a CON	TINI IING ADDI I	CATION shock appre	anriate have and aver	hi tha ramini	in information	h - l l i	Part of the second of the seco	
Prior application information: Examiner Group / Art Unit: Group /					iy tne requisit	e informatio	on below and in a	preliminary amendment,	l
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label 27572			- 		t (CIP)	of p	rior application No	:/	
Under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS Or Correspondence address below P.O. Box 828 City Bloomfield Hills State MI Zip Code 48303 Country United States of America Telephone 248-641-1600 Fax 248-641-0270 Name (Print/Type) Timothy D. MacIntyre Registration No. (Attomey/Agent) 42,824					of the prior o	Gro	up / Art Unit:	— Albani da alamatian ta assessita	.
Tr. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label 27572	under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference								
City Bloomfield Hills State MI Zip Code 48303 Country United States of America Telephone 248-641-1600 Fax 248-641-0270 Name (Print/Type) Timothy D. MacIntyre Registration No. (Attorney/Agent) 42,824									
Customer Number or Bar Code Label 27572 (Insert Customer No. or Attach bar code label here) Name Harness, Dickey & Pierce, P.L.C. P.O. Box 828 City Bloomfield Hills State MI Zip Code 48303 Country United States of America Telephone 248-641-1600 Fax 248-641-0270 Name (Print/Type) Timothy D. MacIntyre Registration No. (Attomey/Agent) 42,824			week 62 69			*	# H		
Harness, Dickey & Pierce, P.L.C. P.O. Box 828 City Bloomfield Hills State MI Zip Code 48303 Country United States of America Telephone 248-641-1600 Fax 248-641-0270 Name (Print/Type) Timothy D. MacIntyre Registration No. (Attorney/Agent) 42,824	☑ Custom	ner Number or Ba	r Code Label			Fa., ,	or 🔲 Co	rrespondence address below	´
Address P.O. Box 828 City Bloomfield Hills State MI Zip Code 48303 Country United States of America Telephone 248-641-1600 Fax 248-641-0270 Name (Print/Type) Timothy D. MacIntyre Registration No. (Attorney/Agent) 42,824					ttach bar code	label here)			
Address P.O. Box 828 City Bloomfield Hills State MI Zip Code 48303 Country United States of America Telephone 248-641-1600 Fax 248-641-0270 Name (Print/Type) Timothy D. MacIntyre Registration No. (Attorney/Agent) 42,824	Name	Harness, Dick	ey & Pierce, P.L.C.						
Address City Bloomfield Hills State MI Zip Code 48303 Country United States of America Telephone 248-641-1600 Fax 248-641-0270 Name (Print/Type) Timothy D. MacIntyre Registration No. (Attorney/Agent) 42,824									
City Bloomfield Hills State MI Zip Code 48303 Country United States of America Telephone 248-641-1600 Fax 248-641-0270 Name (Print/Type) Timothy D. MacIntyre Registration No. (Attorney/Agent) 42,824	Address	P.O. Box 828							
Country United States of America Telephone 248-641-1600 Fax 248-641-0270 Name (Print/Type) Timothy D. MacIntyre Registration No. (Attorney/Agent) 42,824	Address								
Name (Print/Type) Timothy D. MacIntyre Registration No. (Attorney/Agent) 42,824	City	Bloomfield Hills State		МІ	MI Zip C		48303		
200 de la company de la compan	Country	United States	of America	Telephone	248-641-1	600	Fax	248-641-0270	
Signature Date January 16, 2002	Name (Print/Type) Timothy D. MacIntyre		Registration	Registration No. (Attorney/Agent)		42,824	$\overline{\ \ }$		
	Signature			,	Date January 16, 2002		January 16, 2002		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

US Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

**or number previously paid, if greater; For Reissues, see above

Complete if Known				
Application Number	Unknown			
Filing Date	Unknown			
First Named Inventor	Sacha corbeil et al.			
Examiner Name	Unknown			
Group / Art Unit	Unknown			

TOTAL AMOUNT OF PAYMENT (\$) 379 2545-000015 Attorney Docket No. METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued) 3. ADDITIONAL FEES ☑ Check ☐ Credit card ☐ Money ☐ Other ☐ None Large Small Entity Entity □ Deposit Account: Fee Fee Description Code (S) Code (\$) Paid Deposit 105 130 205 65 Surcharge - late filing fee or oath 08-0750 Account 127 50 227 25 Surcharge - late provisional filing fee Number or cover sheet. 139 130 139 130 Non-English specification Deposit 147 2,520 147 2.520 For filing a request for reexamination Account Harness, Dickey & Pierce, P L C 112 Requesting publication of SIR prior to Name 920* 112 920* Examiner action The Commissioner is authorized to: (check all that apply) 113 1.840* 113 1,840* Requesting publication of SIR after ☐ Charge fee(s) indicated below ☐ Credit any overpayments Examiner action Charge any additional fee(s) during the pendency of this application 115 110 Charge fee(s) indicated below, except for the filing fee 215 55 Extension for reply within first month to the above-identified deposit account. 116 400 216 200 Extension for reply within second month **FEE CALCULATION** 117 920 217 460 Extension for reply within third month BASIC FILING FEE 1. 118 1.440 218 720 Extension for reply within fourth Large Entity Small Entity month Fee Fee Fee Fee Description 128 1.960 228 980 Extension for reply within fifth month Code (\$) Code (\$) Fee Paid 119 320 219 160 Notice of Appeal 101 740 201 370 Utılıty filing fee 370 120 320 220 160 Filing a brief in support of an appeal 106 330 206 165 Design filing fee 121 280 221 140 Request for oral hearing 107 510 207 255 Plant filing fee Petition to institute a public use 138 1,510 138 1,510 108 740 208 370 Reissue filing fee proceeding 114 160 214 80 Provisional filling fee 140 110 240 55 Petition to revive - unavoidable 141 1,280 241 640 Petition to revive - unintentional SUBTOTAL (1) (\$) 370 142 1.280 242 640 Utility issue fee (or reissue) 143 460 243 230 Design issue fee 2. EXTRA CLAIM FEES 144 620 244 Plant issue fee Extra Fee from Claims below Paid 122 130 122 130 Petitions to the Commissioner Total Claims 21 -20 ** 9 9 123 50 123 50 Processing fee under 37 CFR 1.17 (q) ndependent Submission of Information Disclosure -3 0 0 χ 126 180 126 180 Claims Multiple Recording each patent assignment χ 0 ependent 581 40 581 40 per property (times number of Large Entity Small Entity 146 740 246 370 Filing a submission after final rejection Fee Fee Fee Fee Description (37 CFR § 1 129(a)) Code (\$) Code (\$) 149 740 249 370 For each additional invention to be 103 18 203 9 Claims in excess of 20 examined (37 CFR § 1.129(b)) 102 84 202 42 Independent claims in excess of 3 104 280 179 740 279 370 Request for Continued Examination (RCE) 204 140 Multiple dependent claim, if not paid ** Reissue independent claims over 169 900 169 900 Request for expedited examination 109 84 209 42 original patent of a design application * Reissue claims in excess of 20 and 110 18 210 9 over original patent Other fee (specify) SUBTOTAL (2)

SUBMITTED BY		C	Complete (if applicable)			
Name (Print/Type)	Timothy D. MacIntyre	Registration No. Attorney/Agent)	42,824	Telephone	248-641-1600	
Signature	< 6	A		Date	January 16, 2002	

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$) 0

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.